

PCT REQUEST

P11462-PCT

Original (for SUBMISSION) - printed on 30.09.2003 02:47:54 PM

0	For receiving Office use only	
0-1	International Application No.	
0-2	International Filing Date	
0-3	Name of receiving Office and "PCT International Application"	
0-4	Form - PCT/RO/101 PCT Request	
0-4-1	Prepared using	PCT-EASY Version 2.92 (updated 01.07.2003)
0-5	Petition The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty	
0-6	Receiving Office (specified by the applicant)	Korean Intellectual Property Office (RO/KR)
0-7	Applicant's or agent's file reference	P11462-PCT
I	Title of invention	CIPHERING KEY MANAGEMENT AND DISTRIBUTION IN MBMS
II	Applicant	
II-1	This person is:	applicant only
II-2	Applicant for	all designated States except US
II-4	Name	SAMSUNG ELECTRONICS CO., LTD.
II-5	Address:	416, Maetan-dong, Paldal-gu, Suwon-shi 442-370 Kyungki-do Republic of Korea
II-6	State of nationality	KR
II-7	State of residence	KR
II-8	Telephone No.	82-31-279-5071
II-9	Facsimile No.	82-31-279-6974
II-10	e-mail	xhpark@samsung.com
III-1	Applicant and/or inventor	
III-1-1	This person is:	applicant only
III-1-2	Applicant for	all designated States except US
III-1-4	Name	BEIJING SAMSUNG TELECOM R&D CENTER
III-1-5	Address:	4F Science and Technology Tower No.11 Zhongguancun Nan Lu, Haidian District Beijing 100081 China
III-1-6	State of nationality	CN
III-1-7	State of residence	CN

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III-2	Applicant and/or inventor	
III-2-1	This person is:	applicant and inventor
III-2-2	Applicant for	US only
III-2-4	Name (LAST, First)	ZHU, Yanmin
III-2-5	Address:	4F Science and Technology Tower No.11 Zhongguancun Nan Lu, Haidian District Beijing 100081 China
III-2-6	State of nationality	CN
III-2-7	State of residence	CN
IV-1	Agent or common representative; or address for correspondence The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:	agent
IV-1-1	Name (LAST, First)	LEE, Keon-Joo
IV-1-2	Address:	Mihwa Bldg. 110-2, Myongryun-dong 4-ga, Chongro-gu 110-524 Seoul Republic of Korea
IV-1-3	Telephone No.	82-2-744-0305
IV-1-4	Facsimile No.	82-2-743-5247
IV-1-5	e-mail	kjlp@unitel.co.kr
V	Designation of States	
V-1	Regional Patent (other kinds of protection or treatment, if any, are specified between parentheses after the designation(s) concerned)	EP: AT BE BG CH&LI CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR and any other State which is a Contracting State of the European Patent Convention and of the PCT
V-2	National Patent (other kinds of protection or treatment, if any, are specified between parentheses after the designation(s) concerned)	JP KR US
V-5	Precautionary Designation Statement In addition to the designations made under items V-1, V-2 and V-3, the applicant also makes under Rule 4.9(b) all designations which would be permitted under the PCT except any designation(s) of the State(s) indicated under item V-6 below. The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit.	
V-6	Exclusion(s) from precautionary designations	NONE

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VI-1	Priority claim of earlier national application		
VI-1-1	Filing date	30 September 2002 (30.09.2002)	
VI-1-2	Number	02144083.2	
VI-1-3	Country	CN	
VII-1	International Searching Authority Chosen	Korean Intellectual Property Office (KIPO) (ISA/KR)	
VIII	Declarations	Number of declarations	
VIII-1	Declaration as to the identity of the inventor	-	
VIII-2	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	-	
VIII-3	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	-	
VIII-4	Declaration of inventorship (only for the purposes of the designation of the United States of America)	-	
VIII-5	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	-	
IX	Check list	number of sheets	electronic file(s) attached
IX-1	Request (including declaration sheets)	4	-
IX-2	Description	14	-
IX-3	Claims	3	-
IX-4	Abstract	1	EZABST00.TXT
IX-5	Drawings	17	-
IX-7	TOTAL	39	
	Accompanying items	paper document(s) attached	electronic file(s) attached
IX-8	Fee calculation sheet	✓	-
IX-9	Original separate power of attorney	✓	-
IX-11	Copy of general power of attorney	✓	-
IX-17	PCT-EASY diskette	-	Diskette
IX-19	Figure of the drawings which should accompany the abstract	2	
IX-20	Language of filing of the international application	English	
X-1	Signature of applicant, agent or common representative		
X-1-1	Name (LAST, First)	LEE, Keon-Joo	

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10-1	Date of actual receipt of the purported international application	
10-2	Drawings:	
10-2-1	Received	
10-2-2	Not received	

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10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application	
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)	
10-5	International Searching Authority	ISA/KR
10-6	Transmittal of search copy delayed until search fee is paid	

FOR INTERNATIONAL BUREAU USE ONLY

11-1	Date of receipt of the record copy by the International Bureau	
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PCT (ANNEX - FEE CALCULATION SHEET)

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(This sheet is not part of and does not count as a sheet of the international application)

0	For receiving Office use only		
0-1	International Application No.		
0-2	Date stamp of the receiving Office		
0-4	Form - PCT/RO/101 (Annex)		
0-4-1	PCT Fee Calculation Sheet Prepared using	PCT-EASY Version 2.92 (updated 01.07.2003)	
0-9	Applicant's or agent's file reference	P11462-PCT	
2	Applicant	SAMSUNG ELECTRONICS CO., LTD., et al.	
12	Calculation of prescribed fees	fee amount/multiplier	Total amounts (KRW)
12-1	Transmittal fee T	⇒	45,000
12-2-1	Search fee S	⇒	150,000
12-2-2	International search to be carried out by	KR	
12-3	International fee		
	Basic fee		
	(first 30 sheets) b1	530,000	
12-4	Remaining sheets	9	
12-5	Additional amount (X)	12,000	
12-6	Total additional amount b2	108,000	
12-7	b1 + b2 = B	638,000	
12-8	Designation fees		
	Number of designations contained in international application	4	
12-9	Number of designation fees payable (maximum 5)	4	
12-10	Amount of designation fee (X)	114,000	
12-11	Total designation fees D	456,000	
12-12	PCT-EASY fee reduction R	-163,000	
12-13	Total International fee (B+D-R) I	⇒	931,000
12-17	TOTAL FEES PAYABLE (T+S+I+P)	⇒	1,126,000
12-19	Mode of payment	cash	

VALIDATION LOG AND REMARKS

PCT (ANNEX - FEE CALCULATION SHEET)

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13-2-2	Validation messages States	<p>Green?</p> <p>More designations could be made. The following States have not been designated: AP:(GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW); EA:(AM, AZ, BY, KG, KZ, MD, RU, TJ, TM); OA:(BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG); AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, LI, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW. Please verify.</p>
13-2-7	Validation messages Contents	<p>Green?</p> <p>Priority 1. The priority document is not enclosed. (The applicant must furnish it within 16 months from the earliest priority date claimed)</p>
		<p>Green?</p> <p>Reference number for attached copy of general power of attorney not indicated.</p>
13-2-1 1	Validation messages For receiving Office/International Bureau use only	<p>Green?</p> <p>Verify electronic data for consistency against printed form.</p>